



EB SERIES

POWER ENTRY MODULE EMI FILTERS

INTRODUCTIONS

1. Power module incorporates an IEC connector, single or double-fuse (IEC 5 x 20mm or 3AG 6.3 x32mm) holder, optional voltage selector switch and double-pole power switch, plus an EMI filter all-in-one easy-to-install unit.
2. Adapts to 110-120V or 220-240V input voltage by simply reversing the fuse cartridge.
3. All part numbers are UL recognized, CSA certified and VDE approved.

COMPONENTS



PART NO.	L (mH)	Cx (uF)	Cy (pF)	R (Ω)						
03EB3	8	0.22	3300	1M						
03EB3A										
03EB3S										
03EB3SA										
06EB3	2.5				0.22	3300	1M			
06EB3A										
06EB3S										
06EB3SA										
10EB3	1.6							0.22	3300	1M
10EB3A										
10EB3S										
10EB3SA										

Lg: 400 uH (EB3A 5B3SA only)

TYPE & FEATURE

DELTA PART NO.	03EB3 05EB3B 06EB3 10EB3	03EB3A 06EB3A 10EB3A	03EB3S 05EB3BS 06EB3S 10EB3S	03EB3SA 06EB3SA 10EB3SA
• FUSE	DOUBLE	DOUBLE	SINGLE	SINGLE
IEC CONNECTOR	△	△	△	△
• DOUBLE POLE POWER SWITCH	△	△	△	△
VOLTAGE SELECTOR SW	△	△	△	△
ELECTRICAL SCHEMATIC	FIG. A	FIG. B	FIG. A	FIG. B

- UL, CSA & VDE approved current rating: UL—10A both at 125VAC & 250VAC;
CSA & VDE-6A at 250VAC.
- UL, CSA & VDE approved current rating: UL & CSA—10A both at 125VAC & 250VAC;
VDE—10A at 250VAC.
Electrical lifetime: 10,000 cycles.
Maximum inrush current: 70A.

ELECTRICAL SCHEMATIC

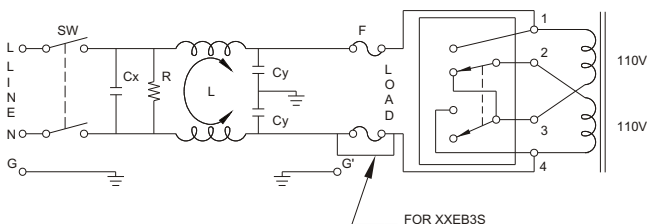
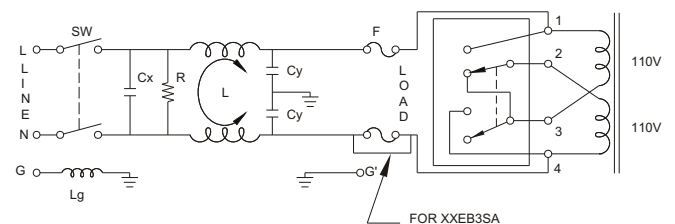
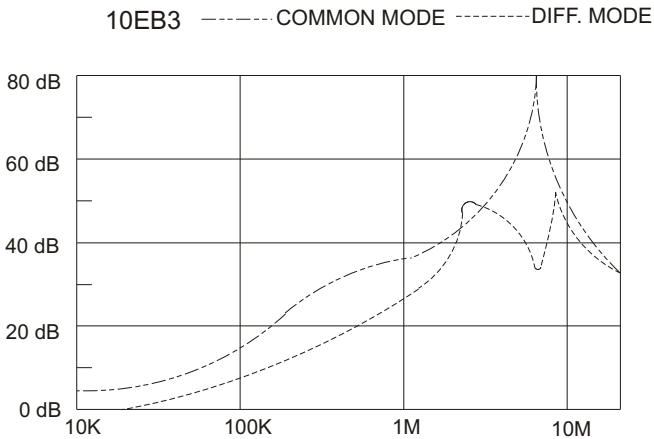
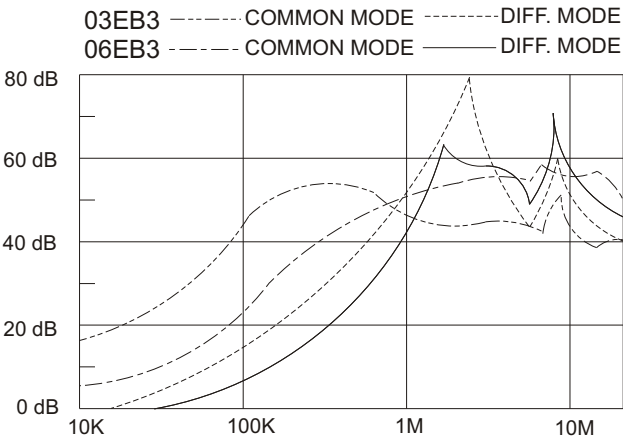


FIG. A



EB3A, EB3SA
FIG. B

INSERTION LOSS (TYPICAL)

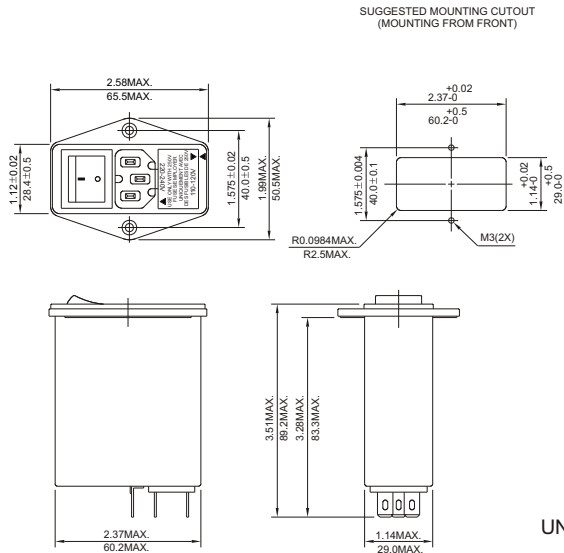


MINIMUM INSERTION LOSS IN dB

COMMON MODE (L-G) IN 50 OHM SYSTEM								
CURRENT RATING	0.05	0.10	0.15	0.50	1.0	5.0	10	30
3A (S)	20	25	30	38	38	38	38	25
6A (S)	10	15	20	30	35	40	40	30
•10A (S)	10	15	20	20	30	40	40	30
3A (A,SA)	20	25	30	40	40	40	45	30
6A (A,SA)	10	15	20	25	30	40	45	30
•10A (A,SA)	10	15	20	25	30	45	50	30
DIFFERENTIAL MODE (L-L) IN 50 OHM SYSTEM								
3A (S)	2	9	12	30	40	30	40	30
6A (S)	2	5	8	20	30	30	45	40
•10A (S)	2	5	8	15	30	40	45	35
3A (A,SA)	2	8	12	30	40	35	40	30
6A (A,SA)	2	5	10	15	30	45	50	40
•10A (A,SA)	2	5	8	20	30	50	50	40

• CSA approved 6A at 125/250 VAC; VDE-6A/250VAC

MECHANICAL CONSTRUCTION



UNIT: INCH
mm